

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2003/000233

25 APR 2005

**A. CLASSIFICATION OF SUBJECT MATTER****10/532654**Int. CL <sup>7</sup>: E02F 3/96

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT: 1. IPC E02F 3/96 &amp; Keywords (pin, rod) &amp; like terms

2. IPC E02F 3/-, 9/-, A01B 59/- &amp; Keywords (connect, couple, pin, rod, lock, secure) &amp; like terms

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NZ 250811 A (SHORT) 24 June 1997 Whole document	1, 2, 5, 6, 8, 9
X	AU 83467/91 A (BROWN) 5 March 1992 Whole document	1, 2, 5, 6, 8, 9
X	US 6431785 B (MELANDER) 13 August 2002 Whole document	1, 2, 8, 9, 10
X	GB 2331064 A (HYDRO PLANT LTD) 12 May 1999 Whole document	1, 2, 8, 9
X	EP 506604 A (HAND et al.) 30 September 1992 Whole document	1, 2, 8, 9



Further documents are listed in the continuation of Box C



See patent family annex

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search  
30 January 2004

Date of mailing of the international search report

- 9 FEB 2004

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaustalia.gov.au  
Facsimile No. (02) 6285 3929

Authorized officer

VENKAT IYER

Telephone No : (02) 6283 2144

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/NZ2003/000233**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member
NZ	250811	NONE
AU	83467/91	NONE
US	6431785	NONE
GB	2331064	NONE
EP	0506604	NONE
END OF ANNEX		